

MEMORANDUM

Agenda Item No. 7(A)


TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: (Second Reading 10-7-14)
July 1, 2014

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Ordinance amending Chapter 8
Article III of the Code adopting
a local technical amendment
pertaining to underwater pool
lighting for private swimming
or recreational bathing pools
located in areas of incorporated
and unincorporated Miami-Dade

The accompanying ordinance was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Audrey M. Edmonson, and Co-Sponsors Vice Chair Lynda Bell, Commissioner Jose "Pepe" Diaz, Commissioner Sally A. Heyman, Commissioner Barbara J. Jordan and Commissioner Xavier L. Suarez.



R. A. Cuevas, Jr.
County Attorney

RAC/lmp

Memorandum



Date: October 7, 2014

To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

A handwritten signature in black ink, appearing to be "Carlos A. Gimenez", written over a horizontal line.

Subject: Ordinance amending Chapter 8 Article III of the Miami-Dade County code adopting a local technical amendment pertaining to underwater pool lighting for private swimming or recreational bathing pools located in areas of incorporated and unincorporated Miami-Dade County

The proposed ordinance pertains to submerged lighting in residential private swimming or recreational bathing pools be low voltage; amending Chapter 8, Article III of the Code of Miami-Dade County. Implementation of this ordinance will not have a fiscal impact to the County.

A handwritten signature in black ink, appearing to be "Jack Osterholt", written over a horizontal line.

Jack Osterholt
Deputy Mayor

Fis9114



MEMORANDUM

(Revised)

TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: October 7, 2014

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 7(A)

Please note any items checked.

- ☒ "3-Day Rule" for committees applicable if raised
- ☒ 6 weeks required between first reading and public hearing
- ☒ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous ____) to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor

Veto _____

Override _____

Agenda Item No. 7(A)

10-7-14

ORDINANCE NO. _____

ORDINANCE AMENDING CHAPTER 8 ARTICLE III OF THE MIAMI-DADE COUNTY CODE ADOPTING A LOCAL TECHNICAL AMENDMENT PERTAINING TO UNDERWATER POOL LIGHTING FOR PRIVATE SWIMMING OR RECREATIONAL BATHING POOLS LOCATED IN AREAS OF INCORPORATED AND UNINCORPORATED MIAMI-DADE COUNTY PROVIDING SEVERABILITY, INCLUSION IN THE CODE, AND AN EFFECTIVE DATE

BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA:

Section 1. Chapter 8 of the Code of Miami-Dade County, Florida, is amended as follows:¹

Chapter 8 BUILDING CODE

ARTICLE III. FLORIDA BUILDING CODE

Sec. 8-31. Local technical amendments to Florida Building Code.

- (A) The County hereby adopts the following local technical amendments to Chapter 6 (Plumbing) of the Florida Building Code.

604.4 Maximum flow and water consumption.

* * *

>>(C) The County hereby adopts the following local technical amendment to Chapter 41 (Residential) of the Florida Building Code.

¹ Words stricken through and/or [[double bracketed]] shall be deleted. Words underscored and/or >>double arrowed<< constitute the amendment proposed. The remaining provisions are now in effect and remain unchanged.

R4101.16 Electrical.

Electrical wiring and equipment shall comply with Chapter 27 of the Florida Building Code.

R4101.16.1 Lighting

Artificial underwater lighting shall be provided at all private swimming or recreational bathing pools so that all portions of the pool, including the entire bottom and any and all drains, may be readily seen without glare. The requirement for underwater lighting may be waived when the overhead lighting provides at least 15 foot-candles (150 lux) of illumination at the pool water surface and pool wet deck surface.

R4101.16.2 Underwater Lighting

Underwater lighting in all private swimming or recreational bathing pools shall utilize transformers and low-voltage circuits with each underwater light being grounded. The maximum voltage for each light shall be 15 volts and the maximum incandescent lamp size shall be 300 watts. The location of the underwater lights shall be such that the underwater illumination is as uniform as possible and shall not be less than 18 inches (457 mm) below the normal operating water level determined by the centerline of the skimmer or top lip of the gutter. All underwater lights which depend upon submersion for safe operation shall have protection from overheating when not submerged. Alternative lighting systems which use 15 volts or less, or use no electricity in the pool or on the pool deck, such as LED (light emitting diode), or fiber-optic systems shall be permitted where approved.

- (D) The County hereby adopts the following local technical amendment to Chapter 4 (Building) of the Florida Building Code.

424.2.16 Electrical.

Electrical wiring and equipment shall comply with Chapter 27 of the Florida Building Code, Building.

424.2.16.1 Lighting

Artificial underwater lighting shall be provided at all private swimming or recreational bathing pools so that all portions of the pool, including the entire bottom and any and all drains, may be readily seen without glare. The requirement for underwater lighting may be waived when the overhead lighting provides at least 15 foot-candles (150 lux) of illumination at the pool water surface and pool wet deck surface.

424.2.16.2 Underwater Lighting

Underwater lighting in all private swimming or recreational bathing pools shall utilize transformers and low-voltage circuits with each underwater light being grounded. The maximum voltage for each light shall be 15 volts and the maximum incandescent lamp size shall be 300 watts. The location of the underwater lights shall be such that the underwater illumination is as uniform as possible and shall not be less than 18 inches (457 mm) below the normal operating water level determined by the centerline of the skimmer or top lip of the gutter. All underwater lights which depend upon submersion for safe operation shall have protection from overheating when not submerged. Alternative lighting systems which use 15 volts or less, or use no electricity in the pool or on the pool deck, such as LED (light emitting diode), or fiber-optic systems shall be permitted where approved.<<

Section 2. If any section, subsection, sentence, clause or provision of this ordinance is held invalid, the remainder of this ordinance shall not be affected by such invalidity.

Section 3. It is the intention of the Board of County Commissioners, and it is hereby ordained that the provisions of this ordinance, including any sunset provision, shall become and be made a part of the Code of Miami-Dade County, Florida. The sections of this ordinance may be renumbered or relettered to accomplish such intention, and the word "ordinance" may be changed to "section," "article," or other appropriate word.

Section 4. This ordinance shall become effective ten (10) days after the date of enactment unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

PASSED AND ADOPTED:

Approved by County Attorney as
to form and legal sufficiency:



Prepared by:



David Sherman

Prime Sponsor:	Commissioner Audrey M. Edmonson
Co-Sponsors:	Vice Chair Lynda Bell
	Commissioner Jose "Pepe" Diaz
	Commissioner Sally A. Heyman
	Commissioner Barbara J. Jordan
	Commissioner Xavier L. Suarez